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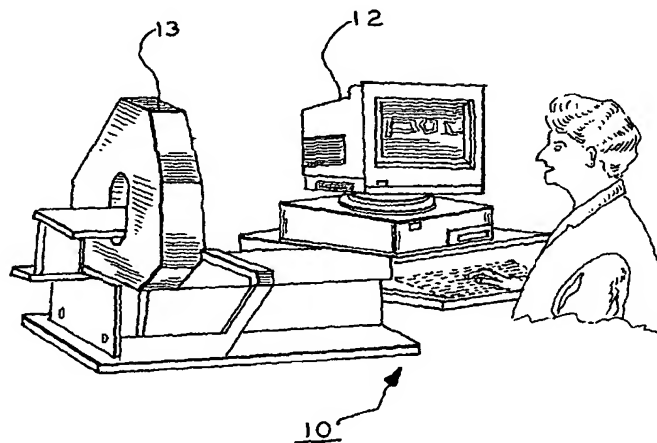
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- (71) Applicant (for all designated States except US): **OS-TEOTECH, INC.** [US/US]; 51 James Way, Eatontown, NJ 07724 (US).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): **BOYCE, Todd, M.** [US/US]; 515 Wellington Place, Aberdeen, NJ 07747 (US). **MERCADANTE, Stephen, N.** [US/US]; 23 Borden Road, Middletown, NJ 07748 (US).
- (74) Agents: **LILLIE, Raymond et al.**; Carella, Byrne, Bain, Gilfillan, Cecchi, Stewart & Olstein, 6 Becker Farm Road, Roseland, NJ 07068 (US).
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(54) Title: PROCESS FOR SELECTING BONE FOR TRANSPLANTATION



(57) Abstract: A procedure for determining a plan for cutting a bone sample for use as an implant provides scanning the bone with a CT scanning system to provide slice images of the bone. The scanning system then determines the cortical or cancellous bone dimensions and density of the bone. Determining such dimensions and density permits accurate planning and preparation of an implant graft that is correlated to the predetermined plan without waste of bone through cutting test specimens to determine the bone parameters. Other images techniques that provide slice images are also disclosed.